

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Michael Paul Tankard et al.

Art Unit 2829

Serial No. 10/656,815

Filed September 5, 2003

Confirmation No. 9419

For MEASUREMENT OF THE RATE OF CHANGE OF CURRENT IN SWITCHED
RELUCTANCE MACHINES

**POWER OF ATTORNEY BY ASSIGNEE OF
ENTIRE INTEREST AND REVOCATION OF
PRIOR POWERS AND PERMITS TO INSPECT**


TO THE COMMISSIONER FOR PATENTS,

SIR:

Switched Reluctance Drives Limited, assignee of the entire right, title and interest in and to the invention of the above application, hereby revokes and cancels all existing powers of attorney and permits to inspect in the above-entitled application and appoints the attorneys/agents of Senniger Powers who are associated with Customer No. 00321 with full power of substitution, revocation and addition, to prosecute this application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office in connection therewith.

Correspondence should be directed to Customer No. 00321.

The undersigned (whose title is supplied below) is empowered to execute this document on behalf of the assignee.

By 
Gerald Lidster, Company Secretary

Date 26 June 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Michael Paul Tankard et al.

Art Unit 2829

Application No. 10/656,815

Filed September 5, 2003

Confirmation No. 9419

Entitled MEASUREMENT OF THE RATE OF CHANGE OF CURRENT
IN SWITCHED RELUCTANCE MACHINES

TO THE COMMISSIONER FOR PATENTS,

SIR:

CERTIFICATE UNDER 37 CFR 3.73(b)

Switched Reluctance Drives Limited, a United Kingdom corporation, certifies that it is
the assignee in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above.
The assignment was recorded in the Patent and Trademark Office at Reel 014488, Frame
0142, for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above,
to the current assignee as shown below:

1. From:

To:

The document was recorded in the Patent and Trademark Office at Reel _____, Frame
_____, or for which a copy thereof is attached.

2. From:

To:

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____,
or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate
on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

26 JUNE 2006

Date



Gerald Lidster, Company Secretary



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 08, 2004

PTAS

DICKE, BILLIG & CZAJA, P.L.L.C.
FIFTH STREET TOWERS
100 SOUTH FIFTH STREET, SUITE 2250
MINNEAPOLIS, MN 55402



102554349A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/05/2003

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
TANKARD, MICHAEL PAUL

DOC DATE: 09/02/2003

ASSIGNOR:
BROWN, ANDREW DUNCAN

DOC DATE: 09/02/2003

ASSIGNEE:
SWITCHED RELUCTANCE DRIVES LIMITED
EAST PARK HOUSE
OTLEY ROAD
HARROGATE, NORTH YORKSHIRE, HG3
IPR
ENGLAND

SERIAL NUMBER: 10656815
PATENT NUMBER:

FILING DATE: 09/05/2003
ISSUE DATE:

014488/0142 PAGE 2

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

MRD
9/5/03

09-17-2003



Attorney Docket No. K315.130.101

FORM PTO-1595 U.S. DEPARTMENT
U.S. Patent and Trademark Office

102554349

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Commissioner of Patents:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Michael Paul Tankard
Andrew Duncan Brown

2. Name and address of receiving party(ies):
Switched Reluctance Drives Limited
East Park House
Otley Road
Harrogate, North Yorkshire, HG3 IPR
England

Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

Additional name(s) & address(es)
attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Other: _____

Execution Date(s): September 2, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new non-provisional application, the execution date of the application is:

September 1, 2003.

10656815

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

6. Total number of applications and
patents involved: 1

Customer No. 025281
William M. Hienz III
Dicke, Billig & Czaja PLLC
Suite 2250
100 South Fifth Street
Minneapolis, Minnesota 55402

7. Total fee (37 CFR 3.41): \$ 40.00
☒ Enclosed
☒ Deficiency authorized to be charged to
deposit account no. 500471

8. Deposit Account Number: 500471
(Attach duplicate copy of this page if
paying by deposit account)

09/16/2003 DBYRNE 00000037 10656815

01 FC:8021

40.00 DP

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William M. Hienz III
Name of Person Signing

Signature

September 5, 2003
Date

Total number of pages comprising cover sheet: 1



ASSIGNMENT

WHEREAS, we, Michael Paul Tankard and Andrew Duncan Brown, have invented certain new and useful improvements in Measurement of the Rate of Change of Current in Switched Reluctance Machines, for which a non-provisional application for Letters Patent of the United States has been made, said application being filed on September 5, 2003;

Whereas, Switched Reluctance Drives Limited ("Assignee"), having its principal offices at East Park House, Otley Road, Harrogate, North Yorkshire HG3 1PR, England, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.


We hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and serial number of said application when ascertained.

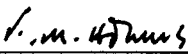
Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

In Witness whereof, we have hereunto set our hands and
affixed our seal as dated below.

Date: 2nd September 2003


Michael Paul Tankard

Subscribed and sworn to before me
this 2nd day of September, 2003.

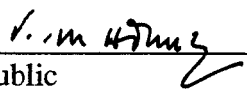

Notary Public

(Notary Seal)

Date: 2nd September 2003


Andrew Duncan Brown

Subscribed and sworn to before me
this 2nd day of September, 2003.


Notary Public

(Notary Seal)